

13.1 Correspondence (cont'd.)

11. Telephone Notes Between Barbara H. Ikalainen, EPA Region I and Norine Danley (May 16, 1983). Concerning request for proposals.
12. Letter from John F. Hackler, EPA Region I to John F. O'Dowd, Boston & Maine (May 17, 1983). Concerning soil sample screening analysis on B & M property.
13. Letter from Barbara H. Ikalainen, EPA Region I to Mr. and Mrs. Allan Danley (May 18, 1983) with attached "Press Release - Fair Share: Health and Safety Should Come First In Silresim RAMP." Concerning response to requests outlined in May 11, 1983 Lowell Fair Share press release.
14. "Contingency Relocation Plan" (July 6, 1983).
15. Memorandum from Mark E. Brickell, NUS Corporation to Barbara H. Ikalainen, EPA Region I (July 7, 1983). Concerning transmittal of attached:
 - A. Letter from Mark E. Brickell, NUS Corporation to Norine Danley, Massachusetts Fair Share (June 28, 1983). Concerning FIT team field work.
 - B. Letter from Mark E. Brickell, NUS Corporation to William L. Strigler, (June 28, 1983). Concerning FIT team field work.
 - C. Letter from Mark E. Brickell, NUS Corporation to Norine Danley, Massachusetts Fair Share (June 28, 1983). Concerning sampling on Scannell Boiler Works property.
 - D. Letter from Mark E. Brickell, NUS Corporation to Lawrence B. Boyd, Boston & Maine Corporation (June 28, 1983). Concerning surface soil sampling on properties adjacent to the Silresim Chemical site.
 - E. Letter from Mark E. Brickell, NUS Corporation to John F. O'Dowd, Boston & Maine Corporation (June 28, 1983). Concerning surface soil sampling on properties adjacent to the Silresim Chemical site.
 - F. Letter from Mark E. Brickell, NUS Corporation to Norine Danley, Massachusetts Fair Share (June 28, 1983). Concerning surface soil sampling on properties adjacent to the Silresim Chemical site.
 - G. Letter from Mark E. Brickell, NUS Corporation to Norine Danley, Massachusetts Fair Share (June 28, 1983). Concerning soil contamination investigation of the Wright Leasing and Realty parking lot.
 - H. Memorandum from Paul F. Clay, NUS Corporation to Norine Danley, Lowell Fair Share (June 29, 1983). Concerning the final report on the air monitoring study.
16. Letter from Barbara H. Ikalainen, EPA Region I to Allan Danley, Lowell Fair Share (July 21, 1983). Concerning response to points made in Fair Share handout from July 12, 1983 public meeting.
17. Letter from David Pickman, EPA Region I to Steve Starrod (August 8, 1983). Concerning response to call made on the Silresim information hotline.
18. Letter from William H. Foege, U.S. Department of Health and Human Services Centers for Disease Control to Norine Danley, Lowell Fair Share (August 26, 1983). Concerning review of proposed remedial plan for the Silresim site.
19. "Silresim Superfund Site - Recommended Remedial Measures," National Toxics Campaign for the Ayer city residents (October 1983).
20. Telephone Notes Between John Figler, EPA Region I and Georgi A. Jones, U.S. Department of Health and Human Services Public Health Service Centers for Disease Control (January 17, 1984). Concerning Silresim health study.
21. Letter from Adam Parker, Lowell Fair Share (January 27, 1984). Concerning transmittal of Steve Lester's analysis of hydrogeological study.
22. "Hotline Update," EPA Region I (January 27, 1984). Concerning update for the weeks of January 23 and 30, 1984.
23. "Hotline Update," EPA Region I (February 13, 1984). Concerning update for the month of February.

13.1 Correspondence (cont'd.)

24. Letter from Merrill S. Hohman, EPA Region I to Phyllis Robey (February 16, 1984). Concerning response to issues raised at the February 5, 1984 National Campaign Against Toxic Hazards conference.
25. Meeting Notes, Citizens Meeting with AA for External Affairs (September 1984). Concerning action to be taken at Silresim.
26. Letter from Debra Prybyla, EPA Region I to Mr. and Mrs. Allan Danley (December 17, 1984). Concerning public participation throughout the RI/FS phase.
27. Letter from Debra Prybyla, EPA Region I to Norine Danley (January 16, 1985). Concerning response to information request.
28. Letter from Richard T. Leighton, EPA Region I to Barry Pollack, Technology Investment Trust (February 14, 1985). Concerning summary of telephone conversations relating to property at 108 Tanner Street.
29. Letter from James P. Bond, Tanner Street Businessmen's Group to EPA Region I (March 20, 1985). Concerning test boring requirements.
30. Memorandum to File, EPA Region I (March 25, 1985). Concerning requests made by Norine Danley.
31. "Silresim Superfund Site - Summary of Plans for Studies of the Site," EPA Region I (March 1985).
32. "Silresim Superfund Site - Summary of Plans for Studies of the Site." EPA Region I (April 1985).
33. Memorandum from David M. Webster, EPA Region I to Brooke Cook, EPA Region I (May 17, 1985). Concerning April 29, 1985 Silresim public meeting.
34. Letter from John R. Moebes, EPA Region I to Peter J. Aucella, City of Lowell (May 22, 1985). Concerning potential future site uses of the Silresim site.
35. Letter from David M. Webster, EPA Region I to Norine Danley, Ayer City Homeowners and Renters Association and Massachusetts Fair Share (June 3, 1985). Concerning response to requests made regarding the work plan for the RI/FS.
36. Letter from Patricia L. Meaney for Merrill S. Hohman, EPA Region I to Norine Danley, Fair Share (June 28, 1985). Concerning response to request for information.
37. Letter from Phyllis Robey, Lowell Fair Share to David M. Webster, EPA Region I (September 18, 1985). Concerning transmittal of proposal to PRPs.
38. Letter from David M. Webster, EPA Region I to George Kokoliadis (October 2, 1985). Concerning transmittal of fact sheet.
39. Letter from Merrill S. Hohman, EPA Region I to Norine Danley, Ayer City Homeowners & Renters Association and Lowell Fair Share (October 15, 1985). Concerning denial of requested funds.
40. Letter from David M. Webster, EPA Region I to Norine Brodeur, (February 21, 1986). Concerning measures taken to include citizen participation in the RI/FS process.
41. Letter from Norine Brodeur, Ayer City Homeowners & Renters Association to David M. Webster, EPA Region I (March 3, 1986). Concerning the Community Relations, Health and Safety, and Sampling Plans for the Silresim site.
42. Meeting Notes, EPA Region I and Commonwealth of Massachusetts, Department of Environmental Quality Engineering (March 17, 1986). Concerning public relations and the Site Safety Plan.
43. Telephone Notes Between David M. Webster, EPA Region I and David Pickman, EPA Region I (April 23, 1986). Concerning list of citizen concerns.
44. Letter from David Pickman, EPA Region I to Norine Brodeur, Ayer City Homeowners & Renters Association (April 24, 1986). Concerning response to earlier questions.
45. Memorandum to David M. Webster, EPA Region I (April 1986). Concerning directions to May 6, 1986 public meeting.

13.1 Correspondence (cont'd.)

46. Letter from Phyllis Robey to Michael R. Deland, EPA Region I (June 4, 1986). Concerning videotaping of public meetings.
47. Letter from J. Winston Porter, EPA Headquarters to William McDonald (June 23, 1986). Concerning support of Region I's policy regarding videotaping of Superfund project management meetings.
48. Letter from Merrill S. Hohman, EPA Region I to Norine Brodeur, Ayer City Homeowners & Renters Association (June 26, 1986). Concerning response to request letters.
49. Letter from David M. Webster, EPA Region I to Phyllis Robey (July 2, 1986). Concerning decision not to videotape May 22, 1986 meeting.
50. Letter from Joel Balmat, EPA Region I to Norine Danley Brodeur, Ayer City Homeowners & Renters Association (February 4, 1987) with attached Letter from Norine Danley Brodeur, Ayer City Homeowners & Renters Association to Joel Balmat, EPA Region I (January 21, 1987). Concerning response to request to expand oversight contract of Alliance Technologies Corporation.
51. Meeting Agenda, Ayer City Homeowners Association (March 2, 1987). Concerning New England Regional Educational Conference on Hazardous Waste.
52. Letter from Philip L. Scannell Jr., Scannell Boiler Works to Merrill S. Hohman, EPA Region I (July 8, 1987). Concerning the remedial investigation report conducted by Goldberg-Zoino & Associates, Inc.
53. Letter from James A. Thompson Jr., Pepe & Hazard (Attorney for Scannell Boiler Works) to E. Michael Thomas, EPA Region I (November 16, 1987). Concerning request for all sampling and monitoring results from EPA regarding Scannell Boiler Works property.
54. Letter from Nancy Papoulias, EPA Region I to Philip L. Scannell Jr., Scannell Boiler Works. Concerning results of soil samples collected on Scannell property.
55. Letter from Merrill S. Hohman, EPA Region I to Philip L. Scannell Jr., Scannell Boiler Works. Concerning response to letter dated July 8, 1987 regarding sampling activities on Scannell property.
56. "Silresim Demands," Ayer City Homeowners & Renters Association.
57. Letter from Norine Danley Brodeur, Ayer City Homeowners Association to Joel Balmat, EPA Region I. Concerning off-site PCB levels, attached map of desired monitoring wells, and questions.
58. Letter from David M. Ozonoff and Mary Ellen Colten, Center for Survey Research to Residents of Lowell. Concerning scientific sample for health study.
59. Letter from David M. Ozonoff and Mary Ellen Colten, Center for Survey Research to Residents of Lowell. Concerning participation in health study.
60. "Silresim Update for Ayer City Residents," Lowell Fair Share.
61. "The Most Immediate and Important Technical Solutions for the Initial Remedial (Cleanup and Protection) Measures at Silresim." Richard C. Bird Jr. for Ayer City Residents.
62. List of Demands, Lowell Fair Share. Concerning list of five demands to improve EPA's temporary cleanup plan for Silresim.
63. "Why Are We Upset About The EPA's Latest Plans For Silresim?" Ayer City Homeowners Association and Lowell Fair Share. Concerning list of reasons why action on Silresim should begin immediately.
64. Letter from Michael R. Deland, EPA Region I to Phyllis Robey, Massachusetts Fair Share. Concerning response to previous issues.
65. "Notice to Residents," Barbara H. Ikalainen, EPA Region I. Concerning transmittal of attached "Summary of Safety Precautions In Operating Plan for Remedial Action at Silresim Site.
66. Letter from Norine Danley, Lowell Fair Share to E. Michael Thomas, EPA Region I. Concerning delay in cleanup of Silresim Site.

13.1 Correspondence (cont'd.)

67. Set of Silresim Hotline Messages including:
 - A. Revised Tape Message, David Pickman, EPA Region I (May 16, 1983).
 - B. "Report on EPA Operations at Silresim Chemical Waste Site" (August 31, 1983).
 - C. "Report on Information Line (Also to News Media)" (September 9, 1983).
 - D. Tape Message, Michael R. Deland, EPA Region I (September 13, 1983).
 - E. Tape Message, David Pickman, EPA Region I (September 27, 1983).
 - F. Tape Message, Richard T. Leighton, EPA Region I (November 15, 1983).
 - G. Tape Message, Richard T. Leighton, EPA Region I (November 28, 1983).
 - H. Tape Message, Richard T. Leighton, EPA Region I (January 10, 1984).
 - I. Tape Message, Richard T. Leighton, EPA Region I (April 13, 1984).
68. Letter from Norine Danley Brodeur, Ayer City Homeowners Association to Merrill S. Hohman, EPA Region I. Concerning response to requests for the residents of Ayer City.

13.2 Community Relations Plans

1. "Community Relations Plan - Silresim Chemical Corporation." (September 1985).
2. "Draft Public Involvement Plan/Community Relations Plan," Commonwealth of Massachusetts Department of Environmental Protection (April 1991).
3. "Final Public Involvement Plan/Community Relations Plan," Commonwealth of Massachusetts Department of Environmental Protection (June 1991).

Comments

4. Comments Dated March 1986 from Ayer City Homeowners on the September 1985 "Community Relations Plan - Silresim Chemical Corporation."

13.3 News Clippings/Press Releases

News Clippings

1. "Major Field Study Scheduled at Silresim Chemical Plant," The Sun - Lowell, MA (February 16, 1978).
2. "Claims Toluene Still Being Dumped in City Sewer System," The Sun - Lowell, MA (March 14, 1978).
3. "The Headache of Hazardous Waste," The Boston Sunday Globe - Boston, MA (June 18, 1978).
4. "EPA Tests at Silresim Site Asked by Tsongas," The Sun - Lowell, MA (August 18, 1978).
5. "Suspect, 17, Charged in Lowell Fire, Blast," The Boston Evening Globe - Boston, MA (August 21, 1978).
6. "Fire in Lowell Razes Chemical Storehouse," The Boston Globe - Boston, MA (August 21, 1978).
7. "The Lesson From Lowell," The Boston Globe - Boston, MA (August 25, 1978).
8. "Poison Chemicals: Where Do We Dump Them?," The Boston Herald - Boston, MA (September 6, 1978).
9. "EPA Regulations Would Govern Chemical Disposal," The Sun - Lowell, MA (December 14, 1978).
10. "Chemicals' Effects Difficult to Measure," The Sun - Lowell, MA (July 14, 1982).
11. "Does Fair Share Play Fair?," The Sun - Lowell, MA (July 15, 1982).
12. "Silresim Founder Says He's a Victim too," The Sun - Lowell, MA (July 16, 1982).

13.3 News Clippings/Press Releases (cont'd.)

News Clippings

13. "Silresim Health Study Consultant to be Picked," *The Sun - Lowell, MA* (September 12, 1982).
14. "Silresim," *The Sun - Lowell, MA* (October 16, 1982).
15. "Study No Surprise to Plant's Neighbors," *The Boston Globe - Boston, MA* (January 21, 1983).
16. "Report Spurs Fears About Air Near Silresim," *The Sun - Lowell, MA* (March 6, 1983).
17. "This is Not Massachusetts, This is Toxichusetts," *The Item - Wakefield, MA* (March 8, 1983).
18. "State Officials Ask EPA to Conduct Air Tests," *The Daily Times and Chronicle - Woburn, MA* (March 8, 1983).
19. "Senate OKs Hazwaste Fund....," *The Transcript - North Adams, MA* (March 8, 1983).
20. "\$25-Million Cleanup Gets Senate Nod," *The News - Milford, MA* (March 8, 1983).
21. "EPA to Recheck Lowell Toxic Site," *The News - Newburyport, MA* (March 9, 1983).
22. "Dump's Neighbors Blast EPA," (March 10, 1983).
23. "Relocation Aid Urged for Mass. Residents," *The Patriot Ledger - Quincy, MA* (March 11, 1983).
24. "Report Finds Water Safe Near Silresim," *The Sun - Lowell, MA* (March 13, 1983).
25. "Air Tests Get Underway," *The Sun - Lowell, MA* (March 14, 1983).
26. "Tests Explore Health Threat," *The Gazette - Haverhill, MA* (March 15, 1983).
27. "Tests Begin at Lowell Waste Site," *The Boston Globe - Boston, MA* (March 15, 1983).
28. "Dumping," *The Harvard Independent - Harvard University, Cambridge, MA* (March 17, 1983).
29. "Air Test Finds Pollutants - But They're not From Silresim," *The Sun - Lowell, MA* (March 18, 1983).
30. "Pollutants From Lowell Firm at 'Nuisance' Levels," *The Sun - Lowell, MA* (March 21, 1983).
31. "Ayers City Leaders Need More Convincing," *The Sun - Lowell, MA* (March 22, 1983).
32. "Dukakis Signs Superfund Bill at Toxic Waste Dump," *The Standard Times - New Bedford, MA* (March 25, 1983).
33. "Dukakis Approves 'Superfund' of \$25m for Hazardous Waste," *The Boston Globe - Boston, MA* (March 25, 1983).
34. "State Gets Toxic Waste Law," *The Chronicle and Times - Reading, MA* (March 25, 1983).
35. "Majilite Moves to Reduce Odors Near Silresim Site," *The Sun - Lowell, MA* (March 26, 1983).
36. "Silresim Editorial False, Misleading," *The Sun - Lowell, MA* (March 31, 1983).
37. "Silresim Tests Find 'Normal Urban Air'," *The Sun - Lowell, MA* (March 31, 1983).
38. "State Orders Toxic Cleanup," *The Boston Herald - Boston, MA* (April 5, 1983).
39. "2 Lowell Firms Told to Cut Use of Chemical," *The Patriot Ledger - Quincy, MA* (April 5, 1983).
40. "An End to the Silresim Story ...?," *The Sun - Lowell, MA* (April 7, 1983).
41. "EPA May Cap Silresim," *The Sun - Lowell, MA* (April 7, 1983).
42. "Focus of Health Study Now Shifts to Account for New Air Problems." *The Sun - Lowell, MA* (April 8, 1983).

13.3 News Clippings/Press Releases (cont'd.)

News Clippings

43. "EPA Approves Fence to Surround Silresim," The Sun - Lowell, MA (May 27, 1983).
44. "Some Relocations to be Considered," The Sun - Lowell, MA (June 22, 1983).
45. "Silresim Cleanup Delayed Two Weeks," The Sun - Lowell, MA (July 29, 1983).
46. "State Settles Suit Against Silresim, Bank," The Sun - Lowell, MA (August 25, 1983).
47. "Tank Finding Taken in Stride," The Sun - Lowell, MA (September 9, 1983).
48. "Dump Cleanup to Begin," The Greenfield Recorder - Greenfield, MA (September 14, 1983).
49. "Workers Clean Out Silresim Waste Tank," The Sun - Lowell, MA (September 15, 1983).
50. "Firms Must Pay for Waste Cleanup," The Boston Globe - Boston, MA (September 22, 1983).
51. "Work Delayed on Installation of Clay Cap on Silresim Site," The Sun - Lowell, MA (December 12, 1983).
52. "Higher Rate of Ills Near Toxic Site," The Boston Globe - Boston, MA (January 20, 1984) with attached letter from David Pickman, EPA Region I to Chris Chinlund, The Boston Globe (January 20, 1984).
53. "Feds Plan to Make Clean Silresim Sweep," The Sun - Lowell, MA (January 26, 1984).
54. "The Silresim Settlement," The Boston Business Journal - Boston, MA (April 9-16, 1984).
55. "Toxic Waste Victims Evoke Tears, Support," The Sun - Lowell, MA (April 12, 1984).
56. "Firm Begins to Lay Cap Over Silresim Waste Site," The Sun - Lowell, MA (April 30, 1984).
57. "Toxic Waste Dumps Suspected of Affecting Health of Neighbors," The Washington Post - Washington D.C. (May 27, 1984).
58. "Fair Share Head Joins Group Pushing for Silresim Cleanup," The Sun - Lowell, MA (July 3, 1984).
59. "Water. Toxic Waste Key '85 Issues: EPA," The Sun - Lowell, MA (December 28, 1984).
60. "EPA Seeks Comment About Silresim," The Sun - Lowell, MA (March 18, 1985).
61. "How to Track Down Toxins," Newsweek Magazine (May 6, 1985).
62. "Firms Agree to Fund Silresim Site Study," The Sun - Lowell, MA (June 6, 1985).
63. "Lowell Clean-up," Fitchburg Leominster Sentinel & Enterprise - Fitchburg, MA (June 7, 1985).
64. "Group Seeks EPA Funds to Treat Lead Paint Homes," The Sun - Lowell, MA (June 12, 1985).
65. "Soil Contamination in Ayers City Threatening Neighborhood: Residents," The Sun - Lowell, MA (July 21, 1986).
66. "EPA Seeking Buried Waste at Silresim," The Sun - Lowell, MA (November 13, 1986).
67. "EPA Still Testing Toxic Waste Site," The Gloucester Daily Times - Gloucester, MA (November 14, 1986).
68. "Dioxin Found Near Old Waste Site; EPA to Cover Contaminated Soil," The Boston Globe - Boston, MA (December 13, 1986).
69. "Dioxin Found Near Silresim Site," The Sun - Lowell, MA (December 13, 1986).
70. "Waste Site to be Covered," The Lawrence Eagle Tribune - Lawrence, MA (December 14, 1986).

13.3 News Clippings/Press Releases (cont'd.)

News Clippings

71. "Dioxin-Contaminated Soil at Silresim to be Covered," The Sun - Lowell, MA (December 16, 1986).
72. "Wrong Sand Delivery Delays Covering Dioxin," The Sun - Lowell, MA (December 17, 1986).
73. "EPA Returns to Lay Cover Over Contaminated Soil," The Sun - Lowell, MA (December 18, 1986).
74. "Test Results Due on Dioxin at Silresim," The Sunday Sun - Lowell, MA (December 21, 1986).
75. "EPA Takes New Round of Silresim Soil Tests," (June 5, 1987).
76. "The United States Environmental Protection Agency Announces The Availability Of The Administrative Record For The Silresim Superfund Site In Lowell, Massachusetts," The Sun - Lowell, Massachusetts (September 27, 1989).
77. "Residents Want a Timetable for Silresim Cleanup," The Sun - Lowell, MA (April 26, 1990).
78. "EPA Extends Time for Public Input on Silresim Cleanup," The Sun - Lowell, MA (July 16, 1991).
79. "EPA Butt of Lowell Wrath," The Boston Herald - Boston, MA.
80. "Congressmen Start Waste Inquiry Amid Poisons, Stench and Decay," The New York Times - New York.
81. "EPA Downplays Toxic 'Hot Spot'."
82. "Neighborhood Group Charges Chemicals Filtering into Rivers," The Sun - Lowell, MA.
83. "Atkins Calls for Expanded Role in Waste Site Cleanup Program." The Sun - Lowell, MA.
84. "Arrow Parking Area Contaminated," The Sun - Lowell, MA.
85. "Silresim Team Divided on How to Close the Site," The Sun - Lowell, MA.
86. "Visit by EPA Chief Unlikely."

Press Releases

87. "News Release," Commonwealth of Massachusetts Department of Environmental Quality Engineering (April 23, 1982). Concerning a newly-formed task force meeting on April 27, 1982.
88. "Environmental News Release," EPA Region I (July 23, 1982). Concerning announcement of eligibility for action under Superfund.
89. "Statement - Selection of New Superfund Sites," Anne M. Gorsuch, EPA Headquarters (July 23, 1982).
90. "News Release," Commonwealth of Massachusetts Department of Environmental Quality Engineering (September 14, 1982). Concerning selection of Boston University School of Public Health to conduct a comprehensive health study.
91. "News Release," Commonwealth of Massachusetts Department of Environmental Quality Engineering (October 13, 1982). Concerning the results of the Silresim air monitoring study.
92. "Draft Press Release" EPA Region I (April 1, 1983). Concerning announcement of findings of the Health Effect Study Group reviewing air quality data from Silresim Site.
93. "News Release," Commonwealth of Massachusetts Department of Environmental Quality Engineering (April 4, 1983). Concerning Administrative Orders issued against two Lowell firms.
94. "Environmental News Release," EPA Region I (May 26, 1983). Concerning construction of a new security fence at the Silresim site.

13.3 News Clippings/Press Releases (cont'd.)

Press Releases

95. "New England Newswatch," WBZ - TV (September 9, 1983). Concerning the discovery of a two tons of sludge in a 20,000 gallon tank at the Silresim site.
96. "News Release - Lowell Health Study Released Today," Commonwealth of Massachusetts Department of Public Health and Commonwealth of Massachusetts Department of Environmental Quality Engineering (January 19, 1984).
97. "Environmental News Release," EPA Region I (January 25, 1984). Concerning announcement of a January 18, 1984 public meeting of the Silresim Task Force.
98. "Lowell Hazardous Waste Firm Faces License Revocation," Commonwealth of Massachusetts Department of Environmental Quality Engineering (May 3, 1984).
99. "Report on EPA Operations at Silresim Superfund Site," EPA Region I (May 1984). Concerning installation of a temporary clay cap.
100. "EPA Seeks Public Comment on Plans for Study at Silresim Superfund Site," EPA Region I (March 15, 1985).
101. "EPA Environmental News - Public Meeting to Explain Plans for Studies at Silresim Superfund Site," EPA Region I (April 19, 1985).
102. "EPA Environmental News - EPA Signs Agreement on Silresim Superfund Site," EPA Region I (June 6, 1985).
103. "New England Newswatch," WCVB - TV (July 21, 1986). Concerning a hot spot at the Silresim site.
104. "New England Newswatch," WCVB - TV (December 12, 1986). Concerning discovery of new area of dioxin contamination outside Silresim site's fence.
105. "EPA Environmental News - EPA to Conduct Additional Soil Sampling for Dioxin," EPA Region I (June 2, 1987).
106. "Environmental News - EPA Recovers \$3.4 Million at Silresim Superfund Site," EPA Region I (March 27, 1990).
107. "Environmental News - EPA Announces Public Meeting to Discuss Results of Study on Silresim Superfund Site," EPA Region I (April 13, 1990).
108. "Environmental News - EPA to Collect Additional Data at Silresim Superfund Site," EPA Region I (November 7, 1990).
109. "Notice of Document Availability," Commonwealth of Massachusetts Department of Environmental Protection (April 10, 1991). Concerning "Draft Public Involvement Plan/Community Relations Plan."
110. Public Meeting Notice, Massachusetts Department of Environmental Protection. Concerning public meeting to be held April 24, 1991.
111. "Environmental News - EPA Announces \$22.5 Million Proposed Cleanup Plan for the Silresim Superfund Site," EPA Region I (June 6, 1991).
112. "Environmental News - EPA Extends Public Comment Period on Proposed Cleanup Plan for Silresim Superfund Site," EPA Region I (July 16, 1991).
113. "Environmental News Release," EPA Region I. Concerning industrial emissions of volatile organic chemicals at unacceptable levels in the vicinity of the Silresim site.
114. "For Immediate Release," EPA Region I. Concerning possibility of installing a temporary cap on the Silresim site.

13.4 Public Meetings

1. Cross-Reference: Meeting Notes, Public Meeting for the Silresim Chemical Corp. Site, EPA Region I and Commonwealth of Massachusetts Department of Environmental Quality Engineering (June 23, 1981). Concerning public demands regarding sampling studies at the site [Filed and cited as entry number 12 in 2.1 Correspondence].
2. "Air Study Inadequacy," Lowell Fair Share (November 10, 1982).

13.4 Public Meetings (cont'd.)

3. EPA Region I Attendance List, Operating Plan Public Meeting for the Silresim Chemical Corp. Site (June 13, 1983).
4. "Summary of Silresim Task Force Meeting - Lowell, Massachusetts," EPA Region I, January 25, 1984.
5. Ayer City Homeowners and Renters Association Meeting Agenda (April 29, 1985) with attached:
 - A. "Silresim Demands," Ayer City Homeowners and Renters Association (April 29, 1985).
 - B. "Demands for the Kyan Street Site," Ayer City Homeowners and Renters Association (April 29, 1985).
 - C. "Summary of Plans for Studies of the Site," EPA Region I (April 1985).
6. Memorandum from David M. Webster, EPA Region I to Brooke Cook, EPA Region I (April 29, 1985). Concerning EPA responses to demands made by the Ayer City Homeowners and Renters Association at April 29, 1985 public meeting.
7. Meeting Notes, Public Meeting for the Silresim Chemical Corp. Site, EPA Region I (October 16, 1985).
8. Memorandum from EPA Region I to File (May 6, 1986). Concerning outline for the May 6, 1986 public meeting.
9. National Campaign Against Toxic Hazards, Massachusetts Fair Share, and Ayer City Homeowners and Renters Association Meeting Agenda (June 30, 1987) with attached:
 - A. "Superfund Alternatives for Managing Hazardous Waste," EPA Headquarters (Fall 1986).
 - B. Letter from Joseph H. Kenny, Terra Vac Inc. to Thomas Spittler, EPA Region I (December 28, 1985) with attached "Vacuum: Defense System for Ground Water VOC Contamination."
10. EPA Region I Meeting Summary, Public Meeting for the Silresim Site (April 25, 1990).
11. EPA Region I Meeting Summary, Public Meeting for the Silresim Site (June 19, 1991).

13.5 Fact Sheets

1. "Silresim Fact Sheet," Commonwealth of Massachusetts Department of Environmental Quality Engineering (December 4, 1978 through June 7, 1979).
2. "Do we have an immediate crisis at the Silresim site?!!," Massachusetts Fair Share (March 9, 1983). Concerning results of air monitoring work commissioned by the Commonwealth of Massachusetts.
3. "Silresim Update - Hazardous Waste Cleanup Report - Ayer City Fair Share," Lowell Fair Share (May 9, 1983). Concerning a Silresim Task Force Meeting scheduled for May 11, 1983.
4. "Report on EPA Operations at Silresim Chemical Waste Site," EPA Region I (August 12, 1983). Concerning initiation of dismantling work at site.
5. "Report on EPA Operations at Silresim Chemical Waste Site," EPA Region I (August 22, 1983). Concerning continuation of dismantling work and site monitoring.
6. "Report on EPA Operations at Silresim Chemical Waste Site," EPA Region I (August 31, 1983). Concerning dismantling work and equipment preparatory to the laying of a temporary cap.
7. "Report on EPA Operations at Silresim Chemical Waste Site," EPA Region I (September 8, 1983). Concerning anticipated completion of dismantling.
8. Memorandum from David M. Webster, EPA Region I to Heather M. Ford, Richard T. Leighton, Debra Prybyla, E. Michael Thomas, and Pam Hill, EPA Region I (February 14, 1985). Concerning attached Fact Sheet for informal and formal public meetings.

13.5 Fact Sheets (cont'd.)

9. "Silresim Superfund Site - Summary of Plans for Studies of the Site," EPA Region I (March 1985).
10. "Fact Sheet - Summary of Enforcement Activities" with attached "Chronology," Commonwealth of Massachusetts Department of Environmental Quality Engineering.

13.7 Technical Assistance Grants

1. Letter from Norine Danley, Ayer City Homeowners and Renters Association (July 1985). Concerning request for assistance.
2. Memorandum from David M. Webster, EPA Region I to Heather M. Ford, EPA Region I (July 22, 1985). Concerning request for \$100,000 from citizens' groups in Lowell.
3. Memorandum from Heather M. Ford, EPA Region I to Merrill S. Hohman, EPA Region I (August 15, 1985). Concerning proper channels for Technical Assistance Grant requests.
4. Letter from James K. Rogers, Silresim Site Trust to Phyllis Robey, Lowell Fair Share (October 14, 1985). Concerning request of a Technical Assistance Grant from the Silresim Site Trustees.
5. Letter from Merrill S. Hohman, EPA Region I to Norine Danley, Ayer City Homeowners Association and Lowell Fair Share (October 15, 1985). Concerning Superfund statutes for grants to private citizens or groups.
6. Telegram from Norine Danley Brodeur, Ayer City Homeowners and Renters Association to Michael R. Deland, EPA Region I (December 9, 1986). Concerning request for Technical Assistance Grant of \$50,000 and a waiver of the 20% matching of funds.
7. Letter from J. Winston Porter, EPA Headquarters to Norine Danley Brodeur, Ayer City Homeowners and Renters Association (January 27, 1987). Concerning explanation of the initiation of the Technical Assistance program pursuant to SARA.
8. Letter from Chris Jendras, EPA Region I to Interested Citizen (March 31, 1988). Concerning approval of regulations for Technical Assistance Grants.
9. Letter from Norine Brodeur, Greater Lowell Environmental Campaign to Mary H. Grealish, EPA Region I (April 13, 1988). Concerning request for Technical Assistance Grant and waiver on matching funds.
10. Letter from M.J. Gonsalves, Northern Tanner Street Business Association to Mary H. Grealish, EPA Region I (May 6, 1988). Concerning request for technical assistance.
11. Letter from Mary H. Grealish, EPA Region I to Norine Brodeur, Ayer City Homeowners Association (May 12, 1988). Concerning Federal regulations for obtaining a grant.
12. Letter from Mary H. Grealish, EPA Region I to M.J. Gonsalves, Northern Tanner Street Business Association (May 20, 1988). Concerning forming a coalition with other potential applicants.
13. Letter from Mary H. Grealish, EPA Region I to James P. Bond, Tanner Street Businessmen's Group (June 9, 1988). Concerning reply to attached letter from James P. Bond.
14. Letter from Mary H. Grealish, EPA Region I to James P. Bond, Tanner Street Businessmen's Group (June 23, 1988). Concerning enclosure of copy of "The Citizens' Guidance Manual for the Technical Assistance Grant Program."
15. Letter from Mary H. Grealish, EPA Region I to Norine Brodeur, Ayer City Homeowners Association (June 23, 1988). Concerning reply to attached letter, enclosure of a grant application package, and a copy of "The Citizens' Guidance Manual for the Technical Assistance Grant Program."

13.7 Technical Assistance Grants (cont'd.)

16. Letter from Mary H. Grealish, EPA Region I to M.J. Gonsalves, Northern Tanner Street Business Association (June 23, 1988). Concerning enclosure of copy of "The Citizens' Guidance Manual for the Technical Assistance Grant Program."
17. Letter from James P. Bond, Tanner Street Businessmen's Group to Mary H. Grealish, EPA Region I (June 26, 1988). Concerning withdrawal of Letter of Intent.
18. Letter from Norine Brodeur Routhier, Greater Lowell Environmental Campaign to Mary H. Grealish, EPA Region I (July 19, 1988). Concerning request for extension of time for application.
19. Letter from Mary H. Grealish, EPA Region I to Norine Brodeur Routhier, Ayer City Homeowners Association (July 26, 1988). Concerning response to request for extension of time for application.
20. Letter from Mary H. Grealish, EPA Region I to Norine Brodeur Routhier, Ayer City Homeowners Association (August 11, 1988). Concerning availability of application to the public.
21. Letter from Mary H. Grealish, EPA Region I to Norine Brodeur Routhier, Ayer City Homeowners Association (December 6, 1988). Concerning preliminary review of application.
22. Letter from Mary H. Grealish, EPA Region I to Norine Brodeur Routhier, Ayer City Homeowners Association (March 27, 1989). Concerning response to issues raised in December 6, 1988 letter.

14.0 Congressional Relations

14.1 Correspondence

1. Letter from Alex Kidaloski for Paul E. Tsongas, Member of the U.S. House of Representatives to Dennis Huebner, EPA Region I (September 28, 1977). Concerning attached letter from Gerry Tremblay, Silresim Chemical Corp. to Alex Kidaloski, Aide to Congressman Paul E. Tsongas.
2. Letter from Daniel K. Moon, EPA Region I to Alex Kidaloski for Paul E. Tsongas, Member of the U.S. House of Representatives (November 1, 1977). Concerning the Silresim Chemical Corporation's request for information on potential liquid waste generators.
3. Cross-Reference: Letter from Paul G. Keough, EPA Region I to William X. Wall, Member of the Commonwealth of Massachusetts State Senate (February 2, 1978). Concerning information on activities at the Silresim Chemical Corporation site [Filed and cited as entry number 3 in 2.1 Correspondence].
4. Letter from Congressman Paul E. Tsongas, Member of the U.S. House of Representatives to Douglas N. Costle, EPA Headquarters (August 15, 1978). Concerning expediting the clean-up of Silresim Chemical Corporation facility.
5. Letter from Thomas C. Jorling, EPA Region I to Edward M. Kennedy, Member of the U.S. Senate (August 2, 1979). Concerning attached letter from Michael E. McLaughlin, County of Middlesex Office of the County Commissioners to James E. Carter, President of the United States.
6. Letter from Edward M. Kennedy and Paul E. Tsongas, Members of the U.S. Senate, and James M. Shannon, Member of the U.S. House of Representatives to John Hernandez, EPA Region I (March 10, 1983). Concerning air monitoring studies at Silresim Superfund site.
7. Letter from Paul E. Tsongas, Member of the U.S. Senate to Lester A. Sutton, EPA Region I (April 6, 1983). Concerning air monitoring studies at Silresim site.

14.1 Correspondence (cont'd.)

8. Letter from Lester A. Sutton, EPA Region I to Paul E. Tsongas, Member of the U.S. Senate (May 16, 1983). Concerning response to letter regarding air monitoring studies at the Silresim Chemical Corporation Site.
9. Letter from Paul G. Keough, EPA Region I to Paul E. Tsongas, Member of the U.S. Senate (June 7, 1983). Concerning EPA efforts in protecting the public health in Lowell, Massachusetts.
10. Letter from Paul E. Tsongas, Member of the U.S. Senate to Dr. Vernon N. Houk, U.S. Department of Health and Human Services Agency for Toxic Substances and Disease Registry (July 15, 1983). Concerning the visit to Silresim Site in Lowell, Massachusetts by Houk's staff.
11. Memorandum from Betsy Horne, EPA Region I to David M. Webster, EPA Region I (August 12, 1985) with attached attendance list and meeting notes. Concerning briefing on Superfund sites in Congressman Atkins' District.
12. Telephone Notes Between David M. Webster, EPA Region I and Kathi Anderson for Edward M. Kennedy, Member of the U.S. Senate (April 22, 1986). Concerning Silresim site activities and upcoming public meeting.
13. Telephone Notes Between David M. Webster, EPA Region I and Stan Rosenberg for Chester Atkins, Member of the U.S. House of Representatives (May 1, 1986). Concerning public meeting scheduled on May 6, 1986.
14. Memorandum to David M. Webster, EPA Region I. Concerning preliminary meeting of city officials and members of the public.

16.0 Natural Resource Trustee

16.1 Correspondence

1. Letter from Kenneth Finkelstein, U.S. Department of Commerce National Oceanic and Atmospheric Administration to EPA Region I (March 8, 1988). Concerning procedure for requesting a Covenant Not to Sue (release from liability) for natural resources.
2. Cross-Reference: Letter from Leslie McVickar, EPA Region I to Kenneth Carr, U.S. Department of the Interior Fish and Wildlife Division (December 27, 1988). Concerning transmittal of the March 1987 "Draft - Remedial Investigation Report," Goldberg-Zoino & Associates, Inc. for Silresim Site Trust [Filed and cited as entry number 37 in 3.1 Correspondence].
3. Cross-Reference: Letter from Leslie McVickar, EPA Region I to Kenneth Carr, U.S. Department of the Interior Fish and Wildlife Division (April 18, 1989). Concerning transmittal of the April 1989 "Revised Draft Report - Remedial Investigation - Volumes I through VIII," Goldberg-Zoino & Associates, Inc. for Silresim Site Trust [Filed and cited as entry number 40 in 3.1 Correspondence].
4. Telephone Notes Between Leslie McVickar, EPA Region I and James Mikolaities, U.S. Department of the Interior Fish and Wildlife Division (May 12, 1989). Concerning review of the April 1989 "Revised Draft Report - Remedial Investigation - Volume I," Goldberg-Zoino & Associates, Inc. for Silresim Site Trust.
5. Letter from Kenneth Finkelstein, U.S. Department of Commerce National Oceanic and Atmospheric Administration to EPA Region I (May 24, 1989). Concerning procedures for notifying the NOAA trustee and request for a Covenant Not to Sue (release from liability) for natural resources.

16.5 Technical Issue Papers

1. Letter from Bruce Blanchard, U.S. Department of the Interior to Gene Lucero, EPA Headquarters (February 24, 1984). Concerning a preliminary natural resources survey.

17.0 Site Management Records

17.1 Correspondence

1. Letter from Susan M. Cooke, Goodwin, Procter & Hoar (Attorney for Silresim Site Trust) to RuthAnn Sherman, EPA Region I (June 6, 1990). Concerning information on monitoring wells.
2. Letter from Susan M. Cooke, Goodwin, Procter & Hoar (Attorney for Silresim Site Trust) to RuthAnn Sherman, EPA Region I (June 19, 1990). Concerning summary of outstanding issues.

17.2 Access Records

1. Letter from James A. Thompson Jr., Pepe & Hazard (Attorney for the Scannell families) to Leslie McVickar, EPA Region I (March 14, 1990). Concerning Scannell property adjacent to the site.
2. Letter from Timothy M. Conway, EPA Region I to James A. Thompson Jr., Pepe & Hazard (Attorney for the Scannell families) (March 29, 1990). Concerning Scannell property adjacent to the site.
3. Letter from James A. Thompson Jr., Pepe & Hazard (Attorney for the Scannell families) to Timothy M. Conway, EPA Region I (April 13, 1990). Concerning Scannell property adjacent to the site.
4. Letter from RuthAnn Sherman, EPA Region I to James A. Thompson Jr., Pepe & Hazard (Attorney for the Scannell families) (June 25, 1990). Concerning Scannell property adjacent to the site.
5. Letter from James A. Thompson Jr., Pepe & Hazard (Attorney for the Scannell families) to RuthAnn Sherman, EPA Region I (August 10, 1990). Concerning consent for access to property.
6. "Consent for Access to Property," EPA Region I (September 7, 1990). Concerning the Lowell Iron & Steel Company.
7. Letter from Merrill S. Hohman, EPA Region I to William L. Stigler, Lowell Used Auto Parts (September 17, 1990). Concerning request for access to property.
8. Letter from Merrill S. Hohman, EPA Region I to Donald Doubleday, Lowell Department of Public Works (September 17, 1990). Concerning request for access to property.
9. Letter from Merrill S. Hohman, EPA Region I to Daniel T. Sullivan (September 17, 1990). Concerning request for access to property.
10. Letter from Merrill S. Hohman, EPA Region I to Arthur Hammer, Mill City Investments, Inc. (September 17, 1990). Concerning request for access to property.
11. Letter from Merrill S. Hohman, EPA Region I to David Anderson, Boston and Maine Corporation (September 17, 1990). Concerning request for access to property.
12. Letter from Merrill S. Hohman, EPA Region I to Robert P. Betty and Joan M. Betty (October 24, 1990). Concerning request for access to property.
13. Letter from Merrill S. Hohman, EPA Region I to Ralph Tucci, Lowell Used Auto Parts, Inc. (October 24, 1990). Concerning request for access to property.
14. Letter from Leslie McVickar, EPA Region I to Philip L. Scannell III (November 8, 1990). Concerning request for access to property.
15. Letter from Leslie McVickar, EPA Region I to Robert P. Betty and Joan M. Betty (November 14, 1990). Concerning request for access to property.
16. Letter from Merrill S. Hohman, EPA Region I to Ralph Tucci, Lowell Used Auto Parts, Inc. (November 14, 1990). Concerning request for access to property.
17. Letter from Merrill S. Hohman, EPA Region I to Anthony O'Neill, Mill City Investments (May 2, 1991). Concerning request for access to property.

17.2 Access Records (cont'd.)

18. Letter from Leslie McVickar, EPA Region I to Philip L. Scannell III, Lowell Iron and Steel Company (May 2, 1991). Concerning transmittal of the combined Commonwealth of Massachusetts Department of Environmental Protection Public Involvement Plan and the Community Relations Plan.
19. Letter from Merrill S. Hohman, EPA Region I to Ralph Tucci, Lowell Used Auto Parts, Inc. (May 2, 1991). Concerning request for access to property.
20. Letter from Merrill S. Hohman, EPA Region I to Philip L. Scannell, III, Dennis Scannell and John P. Scannell, Lowell Iron and Steel Company (June 5, 1991). Concerning request for access to property.
21. Letter from Merrill S. Hohman, EPA Region I to Anthony Dinapoli, L'Energia Incorporated (June 6, 1991). Concerning request for access to property.
22. Letter from Leslie McVickar, EPA Region I to John Scannell, Lowell Iron and Steel Company and Anthony DiNapoli, L'Energia Corporation (June 14, 1991). Concerning protective abandonment of monitoring wells at the site.
23. Letter from Leslie McVickar, EPA Region I to Ralph Tucci, Lowell Used Auto Parts, Inc. (August 5, 1991). Concerning schedule for groundwater sampling on Mr. Tucci's property.
24. Letter from Leslie McVickar, EPA Region I to Anthony O'Neill, Mill City Investments (August 5, 1991). Concerning schedule for groundwater sampling on Mr. O'Neill's property.

17.4 Site Photographs/Maps

1. Index of 20 Rolls of Photographs of the Silresim Initial Remedial Measure (IRM), NUS Corporation (December 16, 1983 to December 11, 1984).

The records cited in entry numbers 2 through 7 may be reviewed, by appointment only, at EPA Region I, Boston, Massachusetts.

2. As-Built Plans for Silresim Site Clay Cap, NUS Corporation (July 12, 1985).
3. Map of Property In Lowell, Massachusetts at Wye Leading to Lowell Secondary Track, Boston and Maine Corporation (September 23, 1985).
4. 20 Rolls of Photographs of the Silresim Initial Remedial Measure (IRM), NUS Corporation (December 16, 1983 to December 11, 1984).
5. "Site Analysis - Silresim Site - Volume 1," U.S. EPA (August 1989).
6. "Site Analysis - Silresim Site - Volume 2," U.S. EPA (August 1989).
7. Aerial Photographs and Slides of the Silresim Site.

17.5 Site Descriptions/Chronologies

1. "Status Report - Silresim Chemical Corporation Hazardous Waste Problem," Commonwealth of Massachusetts Department of Environmental Quality Engineering (August 21, 1978).
2. "Format for Inventory of Disposal Sites Where Hazardous Waste Threatens Public Health," Commonwealth of Massachusetts Department of Environmental Quality Engineering (October 1978).
3. "Massachusetts Water Quality Task Force," Commonwealth of Massachusetts Department of Environmental Quality Engineering (September 1979). Concerning the discovery of Silresim Waste Site.
4. "Site Cleanups Continue," Commonwealth of Massachusetts Department of Environmental Quality Engineering (October 11, 1981). Concerning removal cleanup progress.
5. "Silresim Chemical Corporation," EPA Region I (September 1982). Concerning the history of Silresim Chemical Corporation.
6. Memorandum from EPA Region I to File (April 15, 1983 through September 15, 1983). Concerning Silresim activity and cost timeline.

17.5 Site Descriptions/Chronologies (cont'd.)

7. Memorandum from EPA Region I to File (May 11, 1983). Concerning timeline of cleanup activity at Silresim site presented at the May 11, 1983 Task Force meeting.
8. "Summary of Recent Events," EPA Region I (September 30, 1987 through January 9, 1988).
9. "The Silresim Superfund Site Historical Summary," EPA Region I. (September 7, 1988). Concerning the historical events related to the Silresim Superfund Site's creation and cleanup.
10. "Site Cleanup: Silresim Chemical (MA)," Richard T. Leighton, EPA Region I. Concerning Silresim as a case study.
11. "Summary of Silresim." Concerning the events and problems related to the site.

17.7 Reference Documents

1. "Volatilization of Organic Compounds from Shallow Phreatic Aquifers," June Anne Swallow, Massachusetts Institute of Technology (August 1983).
2. "Determination of 2,3,7,8-TCDD in Soil and Sediment," EPA Region VII (September 1983).
3. "Draft - Report on TCDD Sampling Methods," Daniel J. Harris, EPA Region VII (December 1, 1983).
4. "Assessment of Health Risk from Exposure to Contaminated Soil," John K. Hawley, New York State Department of Health Bureau of Toxic Substance Assessment (May 10, 1985).
5. "Special Analytical Services," EPA Region IV (October 9, 1986).
6. "Interim Procedures for Estimating Risks Associated with Exposures to Mixtures of Chlorinated Dibenzo-p-Dioxins and -Dibenzofurans (CDDs and CDFs)," EPA Headquarters (October 1986).
7. "What Has Gone Wrong?" R. Allan Freeze and John A. Cherry, Ground Water (July/August 1989).
8. "Groundwater Contamination: Pump-and-Treat Remediation," Douglas M. Mackay and John A. Cherry, Environmental Science Technology, Vol. 23 No. 6 (1989).
9. Memorandum from Richard Willey, EPA Region I to Carl DeLoi, EPA Region I (February 15, 1991). Concerning topics discussed during meeting with John A. Cherry and EPA Headquarters personnel on February 5, 1991 with attached meeting attendance list.
10. "Measurement of Hydraulic Conductivity Distributions -- A Manual of Practice," Fred J. Molz, Oktay Guven, and Joel G. Melville, Auburn University.
11. "The Cone Penetration Test for Environmental Investigations," Tony A. Kiefer, Technica, Ltd.
12. "Risk Assessment for Pentachlorophenol and Dioxin/Furan in Chehalis, Washington," Patricia C. Storm and David Tetta.
13. "Determination of Airborne Volatile Nitrogen Compounds Using Four Independent Techniques," NUS Corporation.
14. "Assessing Health Risks from Contaminated Soils," Barbara D. Beck, EPA Region I.

17.8 State and Local Technical Records

1. "Silresim Cleanup" (December 4, 1978 through June 7, 1979).
2. Memorandum from John J. O'Brien, EPA Region I to William A. Simmons, Commonwealth of Massachusetts Department of Environmental Quality Engineering (July 28, 1981). Concerning contract for Phases III of Silresim cleanup operation.
3. "Hydrogeologic Investigation," Perkins Jordan, Inc. (February 26, 1982).

17.8 State and Local Technical Records (cont'd.)

4. "Remedial Action Study," Perkins Jordan, Inc. (April 27, 1982).
5. "Remedial Action Study Addendum," Perkins Jordan, Inc. (July 26, 1982).
6. Comments Dated July 26, 1982 from Stephen U. Lester, Citizen's Clearinghouse for Hazardous Wastes, Inc. on the February 26, 1982 "Hydrogeological Investigation," and the April 27, 1982 "Remedial Action Study," Perkins Jordan, Inc.
7. "Preliminary Evaluation of the Silresim Air Monitoring Study," Commonwealth of Massachusetts Department of Environmental Quality Engineering (October 13, 1982).
8. Draft "Field Investigation of Silresim Chemical Waste Site and Surrounding Neighborhood," TRC Environmental Consultants, Inc. (November 23, 1982).
9. "Addendum - Hydrogeologic Investigation," Perkins Jordan, Inc. (March 8, 1983).
10. "Tanner Street Industrial Park, Lowell, Massachusetts," The Geotechnical Group, Inc. (July 1985).

18.0 Initial Remedial Measure

18.1 Correspondence

1. Memorandum from E. Dennis Escher, NUS Corporation to Patrick C. Falvey, NUS Corporation (March 1, 1983). Concerning Silresim Chemical Corporation IRM assignment.
2. Trip Report on a Visit to Silresim Chemical Corporation Site, EPA Region I, Camp, Dresser & McKee Inc., and NUS Corporation (March 7, 1983). Concerning development of work plan, demolition, and capping construction specifications for an IRM.
3. Memorandum from Health Effects Study Group, EPA Region I to Merrill S. Hohman, EPA Region I through John R. Moebes, EPA Region I (April 1, 1983). Concerning the conclusions of the Lowell Air Monitoring Study conducted March 14, 1983 through March 23, 1983.
4. Letter from Thomas F. McLoughlin, Commonwealth of Massachusetts Department of Environmental Quality Engineering to Merrill S. Hohman, EPA Region I (April 15, 1983). Concerning the agreement between EPA Region I and DEQE regarding future actions at the Silresim site.
5. Meeting Agenda, EPA Region I (June 13, 1983). Concerning Silresim Operating Plan meeting.
6. Letter from Thomas F. McLoughlin for Anthony D. Cortese, Commonwealth of Massachusetts Department of Environmental Quality Engineering to Paul G. Keough, EPA Region I (June 22, 1983). Concerning a credit audit for cost-sharing under CERCLA.
7. Telephone Notes Between Larry Giarrizzo, Commonwealth of Massachusetts Department of Environmental Quality Engineering and James Plunkett, NUS Corporation (June 28, 1983). Concerning state regulations and restrictions existing in the development of a sedimentation basin in conjunction with remedial actions.
8. Memorandum from John F. Hackler, EPA Region I to Silresim Working Committee (June 30, 1983). Concerning Draft Operating Plan for the Silresim Site.
9. Memorandum from James Plunkett, NUS Corporation to Patrick C. Falvey, NUS Corporation (June 30, 1983). Concerning utilities potentially affected by the Silresim Remedial Action.

18.1 Correspondence (cont'd.)

10. Memorandum from John Figler, U.S. Department of Health and Human Services Centers for Disease Control to John R. Moebe, EPA Region I (July 7, 1983). Concerning Centers for Disease Control position on Silresim with attached:
 - A. Draft "Notice to Residents," Barbara H. Ikalainen, EPA Region I (July 1983). Concerning attached summary operating plan.
 - B. "Summary of Safety Precautions in Operating Plan for Remedial Action at Silresim Site, Lowell, MA," EPA Region I (July 1983).
11. Memorandum from George D. Gardner, NUS Corporation to File (July 11, 1983). Concerning a meeting with Barbara H. Ikalainen regarding work plan for the IRM.
12. Memorandum from John F. Hackler, EPA Region I to Edward Taylor, EPA Region I (July 13, 1983). Concerning a Request for Analytical Services in Support of the Initial Remedial Measures to be performed at the Silresim Hazardous Waste Site.
13. "Notice to Residents," Barbara H. Ikalainen, EPA Region I to Residents (July 14, 1983). Concerning attached "Summary of Safety Precautions in Operating Plan for Remedial Action at Silresim Site, Lowell, MA."
14. Memorandum from P. Goldstein, NUS Corporation to E. Dennis Escher and R.A. Burns, NUS Corporation (July 25, 1983). Concerning verbal authorization received for IRM construction at Silresim.
15. Memorandum from Patrick C. Falvey, NUS Corporation to File (August 1, 1983). Concerning a meeting with Barbara H. Ikalainen, E. Michael Thomas, and David Pitman, EPA Region I.
16. Memorandum from Barbara H. Ikalainen, EPA Region I to William Kaschak, EPA Headquarters (August 19, 1983). Concerning approval of NUS Corporation work plan for the IRM.
17. Letter from Gary F. Smith, NUS Corporation to Mr. Grant, D.T. Grant Company, Inc. (September 7, 1983) Concerning discrepancies and problem areas following an inspection of site work.
18. Memorandum from Patrick C. Falvey, NUS Corporation to Mark E. Brickell, NUS Corporation (September 7, 1983). Concerning meeting with Silresim subcontractors.
19. Memorandum from Patrick C. Falvey, NUS Corporation to E. Dennis Escher and Gary F. Smith, NUS Corporation (September 8, 1983). Concerning hazardous waste fluids collected at Silresim Site.
20. "Conference Report Number 1," C.J. Mabardy Inc. and NUS Corporation (November 9, 1983). Concerning site progress and personnel safety.
21. "Conference Report Number 2," EPA Region I and NUS Corporation (November 10, 1983). Concerning site progress.
22. Meeting Agenda, EPA Region I (November 10, 1983). Concerning subcontract award, hotline, and IRM progress.
23. Letter from Patrick C. Falvey, NUS Corporation to Robert Hamel, Colonial Gas Energy Systems (December 7, 1983). Concerning interference of a 6" gas line with new sewer line.
24. Memorandum from George D. Gardner, NUS Corporation to E. Dennis Escher, D. Threlfall, and D.R. Brenneman, NUS Corporation (January 18, 1984). Concerning a series of meetings at EPA Region I.
25. Memorandum from Patrick C. Falvey, NUS Corporation to P. Goldstein, E. Dennis Escher, D. Threlfall, George D. Gardner, and W. Bell, NUS Corporation (January 19, 1984). Concerning dismantling and capping of site, and shutdown of project.
26. Letter from Patrick C. Falvey, NUS Corporation to Richard T. Leighton, EPA Region I (March 2, 1984). Concerning attached letter regarding cessation of construction activities on the Silresim site due to inclement weather.

18.1 Correspondence (cont'd.)

27. Letter from Patrick C. Falvey, NUS Corporation to Raymond E. Hamwey, C.J. Mabardy Inc. (March 29, 1984). Concerning the formal notification to reactivate construction activities at Silresim Site.
28. Memorandum from William D. Trimbath, NUS Corporation to File (May 7, 1984). Concerning status of construction at the site.
29. Letter from William D. Trimbath, NUS Corporation to Richard T. Leighton, EPA Region I (May 14, 1984). Concerning transmittal of minutes of May 7, 1984 meeting.
30. Letter from Mark E. Brickell, NUS Corporation to Gino Palmacci, Massachusetts Bay Transit Authority (July 6, 1984). Concerning a request for permission to use MBTA owned land in Readville, Massachusetts.
31. Memorandum from John George, NUS Corporation to George D. Gardner and Patrick C. Falvey, NUS Corporation (August 21, 1984). Concerning measures to prevent erosion of site cap.
32. Letter from William D. Trimbath, NUS Corporation to Raymond Hamway, C.J. Mabardy Inc. (September 25, 1984). Concerning calculations of clay compacted in place at the Silresim job site.
33. Memorandum from Debra Prybyla, EPA Region I to Richard T. Leighton, EPA Region I (January 3, 1985). Concerning property damages to B & L Used Auto Parts.
34. Letter from Patrick C. Falvey and Donald Senovich, NUS Corporation to Richard T. Leighton, EPA Region I (March 21, 1985). Concerning the sale of equipment and tankage stored on James G. Grant Company's property with attached "Equipment Inventory List."
35. Letter from Patrick C. Falvey and George Latulippe, NUS Corporation to Richard T. Leighton, EPA Region I (May 10, 1985). Concerning approval to proceed with the sale of equipment and tankage.
36. Telephone Notes Between EPA Region I and Marcia J. Berger, Commonwealth of Massachusetts Department of Environmental Quality Engineering (January 29, 1986). Concerning depressions in the cap at Silresim Site.
37. Telephone Notes Between David M. Webster, EPA Region I and Patrick C. Falvey, NUS Corporation (February 3, 1986). Concerning delegating correction of fence problems to Camp Dresser & McKee or EPA Region I FIT Office.
38. Letter from Patrick C. Falvey, NUS Corporation to David M. Webster, EPA Region I (February 4, 1986). Concerning transmittal of sample drawing and specifications for fencing.
39. Memorandum from David M. Webster, EPA Region I to File (April 30, 1986). Concerning a trip report to Silresim Site to inspect fence problem.
40. Memorandum from David M. Webster, EPA Region I to File (May 28, 1986). Concerning emergency action regarding PCB contaminated soil near Silresim site.
41. "Engineering, Procurement & Construction Schedule," NUS Corporation.

18.2 Sampling and Analysis Data

1. "Interim Draft Report Overview," NUS Corporation (March 29, 1983).
2. Letter from Paul F. Clay and Anthony J. DeMarco, NUS Corporation to Thomas Powers, Commonwealth of Massachusetts Department of Environmental Quality Engineering (May 16, 1983). Concerning attached Ambient Air Sampling Data.
3. Soil and Monitoring Well Samples, NUS Corporation (May 16, 1983 through July 11, 1984).
4. Letter from Paul F. Clay, NUS Corporation to Thomas Powers, Commonwealth of Massachusetts Department of Environmental Quality Engineering (June 2, 1983). Concerning attached ambient air sampling data.

18.2 Sampling and Analysis Data (cont'd.)

5. "Portable Chromatography Analysis," NUS Corporation (June 17, 1983).
6. "Air Monitoring Data Silresim HWS," NUS Corporation (June 24, 1983 through July 7, 1983).
7. Memorandum from John F. Hackler, EPA Region I to Edward Taylor, EPA Region I with attached sampling maps and plans (July 13, 1983). Concerning a request for analytical services in support of the IRM.
8. Memorandum from John M. Panaro, NUS Corporation to Richard T. Leighton, EPA Region I (September 29, 1983). Concerning the final report of the Silresim Air Monitoring Project.

18.4 Initial Remedial Measure (IRM) Reports

1. "Specification for Chain-Link Fence," NUS Corporation (May 26, 1983).
2. Cross-Reference: Draft "Remedial Action Operating Plan," EPA Region I (June 1983) [Filed and cited as entry number 3 in 3.4 Interim Deliverables].
3. "Silresim Magnetometer Survey," NUS Corporation (February 10, 1984).

18.5 Work Plans and Progress Reports

1. Letter from Thomas R. Sheckells, EPA Headquarters to Noel Urban, U. S. Army Corps of Engineers (April 29, 1983). Concerning attached "Technical Assistance Amendment Form IAG Number 3A425."
2. Progress Report, NUS Corporation (June 17, 1983).
3. Trip Report on a Visit to the Silresim Site Pertaining to Air Analysis, John M. Panaro, NUS Corporation (June 22, 1983).
4. Letter from Barbara H. Ikalainen, EPA Region I to George D. Gardner, NUS Corporation (July 13, 1983). Concerning review of Work Plan dated June 1983.
5. Memorandum from Barbara H. Ikalainen, EPA Region I to William Kaschak, EPA Headquarters (August 19, 1983). Concerning approval of NUS Corporation Work Plan.
6. "Work Plan - Initial Remedial Measures," NUS Corporation (September 1983).
7. Progress Report, NUS Corporation (October 1983).
8. Work Plan, NUS Corporation (November 15, 1983).
9. Progress Report, NUS Corporation (November 18, 1983).
10. Progress Report, NUS Corporation (November 1983).
11. Trip Report on a Visit to the Silresim Site, George D. Gardner, NUS Corporation (December 15, 1983).
12. Progress Report, NUS Corporation (December 1983).
13. Progress Report, NUS Corporation (January 11, 1984).
14. Trip Report on a Visit to the Silresim Site, George D. Gardner, NUS Corporation (January 19, 1984).
15. Trip Report on a Visit to Silresim Site, Charles D. Wilder, NUS Corporation (April 26, 1984) with attached letters of recommendation from Inland Pollution Control, Inc.
16. Trip Report on a Visit to Silresim Site, William D. Trimbath, NUS Corporation (May 17, 1984).
17. Trip Report on a Visit to Silresim Site, William D. Trimbath, NUS Corporation (May 21, 1984).
18. Progress Report, NUS Corporation (May 22, 1984).
19. Trip Report on a Visit to the Silresim Site, William D. Trimbath, NUS Corporation (May 25, 1984).
20. Trip Report on a Visit to the Silresim Site, William D. Trimbath, NUS Corporation (May 29, 1984).
21. Trip Report on a Visit to the Silresim Site, William D. Trimbath, NUS Corporation (June 6, 1984).

18.5 Work Plans and Progress Reports (cont'd.)

22. Progress Report, NUS Corporation (June 8, 1984).
23. Progress Report, NUS Corporation (June 14, 1984).
24. Trip Report on a Visit to the Silresim Site, William D. Trimbath, NUS Corporation (June 19, 1984).
25. Trip Report on a Visit to the Silresim Site, William D. Trimbath, NUS Corporation (July 11, 1984).
26. Progress Report, NUS Corporation (July 16, 1984).
27. Progress Report, NUS Corporation (July 26, 1984).
28. Progress Report, NUS Corporation (August 10, 1984).
29. Progress Report, NUS Corporation (September 5, 1984).
30. Trip Report on a Visit to the Silresim Site, William D. Trimbath, NUS Corporation (September 9, 1984).
31. Progress Report, NUS Corporation (September 10, 1984).
32. Trip Report on a Visit to the Silresim Site, William D. Trimbath, NUS Corporation (September 19, 1984).
33. Trip Report on a Visit to the Silresim Site, William D. Trimbath, NUS Corporation (September 25, 1984).
34. Trip Report on a Visit to the Silresim Site, William D. Trimbath, NUS Corporation (September 25, 1984).
35. Progress Report, NUS Corporation (October 9, 1984).
36. Progress Report, NUS Corporation (October 25, 1984).
37. Progress Report, NUS Corporation (November 5, 1984).
38. Trip Report on a Visit to the Silresim Site, William D. Trimbath, NUS Corporation (November 26, 1984).
39. Trip Report on a Visit to the Silresim Site, William D. Trimbath, NUS Corporation (December 4, 1984).
40. Trip Report on a Visit to the Silresim Site, William D. Trimbath, NUS Corporation (January 2, 1985).
41. Trip Report on a Visit to the Silresim Site, William D. Trimbath, NUS Corporation (January 4, 1985).
42. Letter from Donald Senovich, NUS Corporation to Richard T. Leighton, EPA Region I (July 22, 1985). Concerning Work Assignment Amendment Request.
43. Letter from Dennis P. Gagne, EPA Region I to Donald Senovich, NUS Corporation (August 12, 1985). Concerning response to Work Assignment Amendment Request.

18.7 Operations and Maintenance Records

1. Telephone Notes Between Thomas Riley, NUS Corporation and Marcia J. Berger, Commonwealth of Massachusetts Department of Environmental Quality Engineering (June 20, 1985). Concerning catch basin on site cap.
2. Memorandum from Yee Cho, Commonwealth of Massachusetts Department of Environmental Quality Engineering to David M. Webster, EPA Region I (August 19, 1985). Concerning transfer of funding for operations and maintenance activities.
3. Memorandum from Marcia J. Berger, Commonwealth of Massachusetts Department of Environmental Quality Engineering to Nancy Bettinger, Commonwealth of Massachusetts Department of Environmental Quality Engineering (August 23, 1985). Concerning project manager status for operation and maintenance activities.
4. Memorandum from Marcia J. Berger, Commonwealth of Massachusetts Department of Environmental Quality Engineering to Jeff Gould, Commonwealth of Massachusetts Department of Environmental Quality Engineering (November 14, 1985). Concerning proposed operation and maintenance work at Silresim Site.

18.8 Action Memoranda

1. Memorandum from William N. Hedeman Jr., EPA Headquarters to Lee M. Thomas, EPA Region I (June 10, 1983). Concerning a request for authorization to proceed with implementation of Initial Remedial Measures and completion of a Remedial Investigation and Feasibility Study.

Section II

Guidance Documents

GUIDANCE DOCUMENTS

EPA guidance documents may be reviewed at EPA Region I, Boston, Massachusetts.

General EPA Guidance Documents

1. U.S. Environmental Protection Agency. Office of Research and Development. Municipal Environmental Research Laboratory. Carbon Adsorption Isotherms for Toxic Organics (EPA-600/8-80-023), April 1980.
2. U.S. Environmental Protection Agency. Office of Water and Waste Management. Evaluating Cover Systems for Solid and Hazardous Waste, 1980.
3. U.S. Environmental Protection Agency. Office of Research and Development. Municipal Environmental Research Laboratory. Handbook for Evaluating Remedial Action Technology Plans (EPA-600/2-83-076), August 1983.
4. U.S. Environmental Protection Agency. Office of Ground-Water Protection. Ground-Water Protection Strategy, August 1984.
5. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response, Office of Emergency and Remedial Response, and Office of Research and Development. Review of In-Place Treatment Techniques for Contaminated Surface Soils - Volume 1: Technical Evaluation (EPA-540/2-84-003a), September 1984.
6. "Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act; Final Rule and Interim Final Rule and Proposed Rule" (40 CFR Part 136), Federal Register, October 26, 1984.
7. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Hazardous Response Support Division. Standard Operating Safety Guides, November 1984.
8. U.S. Environmental Protection Agency. Office of Research and Development. Environmental Research Laboratory. EPA Guide for Minimizing the Adverse Environmental Effects of Cleanup of Uncontrolled Hazardous Waste Sites, (EPA-600/8-85/008), June 1985.
9. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Guidance on Feasibility Studies under CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act) (EPA/540/G-85/003, OSWER Directive 9355.0-05C), June 1985.
10. Memorandum from Gene Lucero to the U.S. Environmental Protection Agency, August 28, 1985 (discussing community relations at Superfund Enforcement sites).
11. U.S. Environmental Protection Agency. Office of Waste Programs Enforcement. The Endangerment Assessment Handbook, August 1985.
12. U.S. Environmental Protection Agency. Office of Waste Programs Enforcement. Toxicology Handbook, August 1985.2. Covers for Uncontrolled Hazardous Waste Sites, September 1985.
13. U.S. Department of Health and Human Services. National Institute for Occupational Safety and Health, and Occupational Safety and Health Administration. Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities, October 1985.
14. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Handbook of Remedial Action at Waste Disposal Sites (EPA/625/6-85/006), October 1985.

15. U.S. Environmental Protection Agency. Hazardous Waste Engineering Research Laboratory. Handbook: Remedial Action at Waste Disposal Sites (Revised) (EPA/625/6-85/006), October 1985.
16. "National Oil and Hazardous Substances Pollution Contingency Plan," Code of Federal Regulations (Title 40, Part 300), 1985.
17. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Community Relations in Superfund: A Handbook (Interim Version) (EPA/HW-6, OSWER Directive 9230.0-3A), March 1986.
18. U.S. Environmental Protection Agency. Office of Health and Environmental Assessment. Development of Advisory Levels for Polychlorinated Biphenyls (PCBs) Cleanup (OHEA-E-187), May 1986.
19. U.S. Environmental Protection Agency. Hazardous Waste Engineering Research Laboratory. Handbook for Stabilization/Solidification of Hazardous Waste (EPA/540/2-86/001), June 1986.
20. U.S. Environmental Protection Agency. Office of Research and Development. Hazardous Waste Engineering Research Laboratory. Treatment Technology Briefs: Alternatives to Hazardous Waste Landfills (EPA/600/8-86/017), July 1986.
21. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Draft Guidance on Remedial Actions for Contaminated Groundwater at Superfund Sites (OSWER Directive 9283.1-2), September 20, 1986.
22. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response and Office of Emergency and Remedial Response. Mobile Treatment Technologies for Superfund Wastes (EPA 540/2-86/003 (f)), September 1986.
23. U.S. Environmental Protection Agency. Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended October 17, 1986.
24. "Interim Procedures for Estimating Risks Associated with Exposures to Mixtures of Chlorinated Dibenzo - p - Dioxins and Dibenzofurans (CDDs and CDFs)," EPA Region I, October 1986.
25. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Draft Guidance on Remedial Actions for Contaminated Groundwater at Superfund Sites (OSWER Directive 9283.1-2), October 1986.
26. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Superfund Public Health Evaluation Manual (OSWER Directive 9285.4-01), November 1986.
27. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Interim Guidance on Superfund Selection of Remedy (OSWER Directive 9355.0-19), December 24, 1986.
28. U.S. Environmental Protection Agency. Office of Research and Development. Hazardous Waste Engineering Research Laboratory. Technology Briefs: Data Requirements for Selecting Remedial Action Technology (EPA/600/2-87/001), January 1987.
29. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Data Quality Objectives for Remedial Response Activities: Development Process (EPA/540/G-87/003), March 1987.

30. "PCB Spill Cleanup Policy" (40 CFR Part 761), Volume 52, Number 63, April 2, 1987.
31. Letter from Lee M. Thomas to James J. Florio, Chairman, Subcommittee on Consumer Protection and Competitiveness, Committee on Energy and Commerce, U.S. House of Representatives, May 21, 1987 (discussing EPA's implementation of the Superfund Amendments and Reauthorization Act of 1986).
32. Memorandum from J. Winston Porter to Addressees ("Regional Administrators, Regions I-X; Regional Counsel, Regions I-X; Director, Waste Management Division, Regions I, IV, V, VII, and VIII; Director, Emergency and Remedial Response Division, Region II; Director, Hazardous Waste Management Division, Regions III and VI; Director, Toxics and Waste Management Division, Region IX; Director, Hazardous Waste Division, Region X; Environmental Services Division Directors, Region I, VI, and VII"), July 9, 1987 (discussing interim guidance on compliance with applicable or relevant and appropriate requirements).
33. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Alternate Concentration Limits Guidance (OSWER Directive 9481.00-6C, EPA/530-SW-87-017) July 1987.
34. U.S. Environmental Protection Agency. Office of Health and Environmental Assessment. A Compendium of Technologies Used in the Treatment of Hazardous Waste (EPA/625/8-87/014), September 1987.
35. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. A Compendium of Superfund Field Operations Methods (EPA/540/P-87/001, OSWER Directive 9355.0-14), December 1987.
36. Record of Decision, Keefe Environmental Services NPL Site, Epping, New Hampshire, EPA Region I, Boston, Massachusetts, March 21, 1988.
37. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response and Office of Emergency and Remedial Response. Draft Guidance on CERCLA Compliance with Other Laws Manual (OSWER Directive 9234.1-01), May 6, 1988.
38. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Superfund Automated Records of Decision System (RODs) User Manual (EPA/540/G-87/005), August 1988.
39. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act) Compliance with Other Laws Manual (EPA/540/G-89/006, OSWER Directive 9234.1-01), August 1988.
40. Public Health Risk Evaluation Database (PHRED) User's Manual (two diskettes containing the dBase III+ system are included), September 16, 1988.
41. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Technology Screening Guide for Treatment of CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act) Soils and Sludges (EPA 540/2-88/004), September 1988.
42. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Guidance for Conducting Remedial Investigations and Feasibility Studies Under CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act) (Interim Final) (EPA/540/G-89/004, OSWER Directive 9355.3-01), October 1988.

43. Memorandum from Michael Callahan, U.S. Environmental Protection Agency Office of Health and Environmental Assessment to Henry L. Longest, U.S. Environmental Protection Agency Office of Emergency and Remedial Response, December 6, 1988 (discussing update of PCB clean-up levels).
44. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Guidance on Remedial Actions for Contaminated Ground Water at Superfund Sites (EPA/540/G-88/003, OSWER Directive 9283.1-2), December 1988.
45. U.S. Environmental Protection Agency. Risk Reduction Engineering Laboratory. Technology Evaluation Report SITE Program Demonstration Test. HAZCON Solidification, Douglassville, Pennsylvania. Volume I, (EPA/540/5-89-001a), February 1989.
46. Memorandum from Bill Hanson, U.S. Environmental Protection Agency Site Policy and Guidance Branch to Regional Superfund Branch Chiefs, Regions I-X, April 7, 1989 (discussing PCB Contamination at Superfund Sites).
47. Memorandum from Jonathan Z. Cannon to Regional Administrators, Regions I-X (OSWER Directive 9347.1-0), April 17, 1989 (discussing policy for Superfund compliance with the RCRA land disposal restrictions).
48. U.S. Environmental Protection Agency. Risk Reduction Engineering Laboratory. Technology Evaluation Report: SITE Program Demonstration Test Terra Vac In Situ Vacuum Extraction System Groveland, Massachusetts. Volume I (EPA/540/5-89/003a), April 1989.
49. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. ARARs Q's & A's (OERR 9234.2-01FS), May 1989.
50. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Land Disposal Restrictions: Summary of Requirements, June 1989.
51. U.S. Environmental Protection Agency, Region 1. Supplemental Risk Assessment Guidance for the Superfund Program, (EPA 901/5-89-001), June 1989.
52. Memorandum from Louis F. Gitto, U.S. Environmental Protection Agency Air, Pesticides, and Toxic Management Division, Region I to Merrill S. Hohman, Waste Management Division, Region I (OSWER Directive 9355.0-28), July 12, 1989 (discussing air stripper control guidance).
53. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Risk Assessment Guidance for Superfund. Human Health Evaluation Manual Part A, July 1989.
54. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Superfund LDR Guide #1, Overview of RCRA Land Disposal Restrictions (LDRs) (OSWER Directive 9347.3-01FS), July 1989.
55. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Superfund LDR Guide #2, Complying With the California List Restrictions Under Land Disposal Restrictions (LDRs) (OSWER Directive 9347.3-02FS), July 1989.
56. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Superfund LDR Guide #3, Treatment Standards and Minimum Technology Requirements Under Land Disposal Restrictions (LDRs) (OSWER Directive 9347.3-03FS), July 1989.

57. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Superfund LDR Guide #4, Complying With the Hammer Restrictions Under Land Disposal Restrictions (LDRs) (OSWER Directive: 9347.3-04FS), July 1989.
58. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Superfund LDR Guide #5, Determining When Land Disposal Restrictions (LDRs) Are Applicable to CERCLA Response Actions. (OSWER Directive: 9347.3-05FS), July 1989.
59. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Superfund LDR Guide #6A, Obtaining a Soil and Debris Treatability Variance for Remedial Actions. (OSWER Directive: 9347.3-06FS), July 1989.
60. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Interim Final Guidance on Preparing Superfund Decision Documents (OSWER Directive 9355.3-02), July 1989.
61. "RCRA Regulations," Code of Federal Regulations (Title 40, Part 264), July 1989.
62. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act) Compliance with Other Laws Manual - Part II: Clean Air Act and Other Environmental Statutes and State Requirements (EPA/540/G-89/009, OSWER Directive 9234.1-02), August 1989.
63. Memorandum from Henry L. Longest, U.S. Environmental Protection Agency Office of Emergency and Remedial Response to Regional Waste Management Division Directors (OSWER Directive 9355.4-02) September 7, 1989 (discussing soil lead clean-up levels).
64. Record of Decision, So. Municipal Water Supply Well NPL Site, Petersborough, New Hampshire, EPA Region I, Boston, Massachusetts, September 27, 1989.
65. Record of Decision, Kellogg-Deering Well Field NPL Site, Norwalk, Connecticut, EPA Region I, Boston, Massachusetts, September 29, 1989.
66. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. CERCLA Compliance with Other Laws Manual - RCRA ARARs: Focus and Closure Requirements (OSWER Directive 9234.2-04), October 1989.
67. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Ground Water Issue - Performance Evaluation of Pump-and-Treat Remediations (EPA/540/4-89/005), October 1989.
68. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. The Superfund Innovative Technology Evaluation Program: Technology Profiles (EPA/540/5-89/013), November 1989.
69. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. The Feasibility Study: Development and Screening of Remedial Action Alternatives (OSWER Directive 9355.3-01FS3), November 1989.
70. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. CERCLA Compliance with State Requirements. (OSWER Directive 9234.2-05FS), December 1989.
71. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Superfund LDR Guide #7, Determining When Land Disposal Restrictions (LDRs) are Relevant and Appropriate to CERCLA Response Actions. (OSWER Directive 9347.3-08FS), December 1989.

72. U.S. Environmental Protection Agency. Risk Reduction Engineering Laboratory. Technology Evaluation Report: SITE Program Demonstration of the Ultrox International Ultraviolet Radiation/Oxidation Technology (EPA/540/5-89/012), January 1990.
73. U.S. Environmental Protection Agency. Risk Reduction Engineering Laboratory. Handbook on In Situ Treatment of Hazardous Waste-Contaminated Soils (EPA/540/2-90/002), January 1990.
74. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. CERCLA Compliance with Other Laws Manual - CERCLA Compliance with the CWA and SDWA (OSWER Directive 9234.2-06/FS), February 1990.
75. "National Oil and Hazardous Substances Pollution Contingency Plan," Federal Register (Vol. 55, No. 46), March 8, 1990, p. 8666.
76. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. The Feasibility Study: Detailed Analysis of Remedial Action Alternatives (OSWER Directive 9355.3-01FS4), March 1990.
77. "A Field Evaluation of the UV/Oxidation Technology to Treat Contaminated Groundwater," HMC, March/April 1990.
78. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. CERCLA Compliance with Other Laws Manual - Summary of Part II - CAA, TSCA, and Other Statutes (OSWER Directive 9234.2-07/FS), April 1990.
79. Memorandum from Henry L. Longest and Bruce Diamond, U.S. Environmental Protection Agency Office of Solid Waste and Emergency Response to Regional Waste Management Division Directors (OSWER Directive 9203.0-06) June 4, 1990 (concerning Superfund responsiveness summaries).
80. "Protection of Environment," Code of Federal Regulations (Title 40, Parts 190-299), Revised as of July 1, 1990.
81. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. CERCLA Site Discharges to POTWs Guidance Manual (EPA/540/G-90/005), August 1990.
82. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. A Guide on Remedial Actions at Superfund Sites with PCB Contamination (OSWER Directive 9355.4-01/FS), August 1990.
83. U.S. Environmental Protection Agency. Risk Reduction Engineering Laboratory. Guide for Conducting Treatability Studies Under CERCLA: Soil Vapor Extraction, March 1, 1991.
84. Memorandum from Timothy Fields Jr., U.S. Environmental Protection Agency Office of Emergency and Remedial Response to Regional Waste Management Division Directors (OSWER Directive 9285.6-03) March 25, 1991 (discussing standard default exposure factors).
85. Memorandum from Timothy Fields Jr., U.S. Environmental Protection Agency Office of Emergency and Remedial Response to Regional Waste Management Division Directors March 27, 1991 (discussing guidance on key terms used in Superfund).
86. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Guide to Developing Superfund No Action, Interim Action, and Contingency Remedy RODs (OSWER Directive 9355.3-02FS-3), April 1991.

87. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Guide to Addressing Pre-ROD and Post-ROD Changes (OSWER Directive 9355.3-02FS-4), April 1991.
88. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Superfund Record of Decision Update (OSWER Directive 9200.5-2161), May 1991.
89. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Superfund Record of Decision Update (OSWER Directive 9200.5-2161), July 1991.
90. U.S. Environmental Protection Agency. Hazardous Waste Engineering Research Laboratory. Evaluation of the B.E.S.T. Solvent Extraction Sludge Treatment Technology: Twenty-Four Hour Test (EPA/600/2-88/051).
91. U.S. Environmental Protection Agency. Impact of the RCRA Land Disposal Restrictions of Superfund Response Actions in Superfund.
92. U.S. Environmental Protection Agency. Hazardous Waste Engineering Research Laboratory. Application of Low-Temperature Thermal Technology to CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act) Soils.
93. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Personnel Protection and Safety.